

# Brief spec.; 12.1"WXGA LED Backlight (Build-in LED driver) model

## Features

- **Build-in LED driver**
- **LED Lifetime 60,000h**
- **Wide Operation Temperature Range (-30~80 °C)**
- **Natural Color Matrix**

TYPE NAME		AA121TD01
Schedule		CS:10/1Q, MP: 10/2Q
Screen Size / Resolution		31cm (12.1-inch) / WXGA
Active Screen Area Size [mm]		261.1(H) x 163.2(V)
Pixel Number		1280(H) x 800(V)
Pixel Pitch [mm]		0.204(H) x 0.204(V)
Contrast Ratio		600:1
Brightness [cd/m <sup>2</sup> ]		500 (IF=90mA)
Viewing Angle (CR>10) [°]		-80~80(H), -60~80(V)
Optimum Viewing Angle (Max. CR )		6 o'clock
Colors		262k(6bit)/16.7M(8bit)
Color Saturation (vs. NTSC) [%]		40
Natural Color Matrix		Yes
Backlight		LED
Lamp/LED Life [h]		Min. 60000
Interface		LVDS
Power Consumption [W]		TBD
Power Supply [V]		LCD: 3.3V, LED driver: 12V
Reverse Scan		Available
Module Outline Dimensions [mm]	W	283
	H	185.1
	D	10
Module Mass [g]		TBD
Operation Temperature Range [°C]		-30~80
Storage Temperature Range [°C]		-30~80
Surface Treatment		Anti-glare